

What is claimed is:

1. A mobile terminal comprising:

a processor for determining whether a hand-over request, for continuing communications by switching a base station when a user moves from one cell to another, is

5 required; and

a memory for storing a hand-over history performed by the processor; wherein

based on history data of hand-over read out from the memory, the processor predicts a base station to which the user may move as a base station for performing a hand-over.

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2. The mobile terminal, as claimed in claim 1, wherein the processor causes the memory to store information about hand-over including a number of hand-over being performed and a latest update time for each base

5 station.

3. The mobile terminal, as claimed in claim 2, wherein the processor preferentially predicts a base station, in which the number of hand-over being performed is large, as a base station for performing a hand-over.

4. The mobile terminal, as claimed in claim 2, wherein the processor preferentially predicts a base station, in which the number of hand-over being performed is larger than a threshold, as a base station for

5 performing a hand-over.

5. The mobile terminal, as claimed in claim 1, wherein by updating the history data of hand-over using an LRU algorithm, the processor causes the memory to store the history data.

6. The mobile terminal, as claimed in claim 1, wherein when a communicating condition with a base station predicted as a target of a hand-over deteriorates, the processor monitors communicating conditions with base stations adjacent to a source base station to thereby
5 select a base station to which a hand-over is performed.

7. The mobile terminal, as claimed in claim 6, wherein the processor determines the deterioration in the communicating condition based on a change in a strength of receiving electric power from the base station.

8. The mobile terminal, as claimed in claim 6, wherein the processor determines the deterioration in the communicating condition based on a change in a signal interference wave output ratio from the base station.

9. The mobile terminal, as claimed in claim 6, wherein the processor determines the deterioration in the communicating condition based on a change in a BER from the base station.

10. A hand-over solving method for a mobile terminal comprising:

a first step of storing history data of hand-over

performed to continue communications by switching a base
5 station when a user moves from one cell to another; and

a second step of predicting, based on the history data of hand-over, a base station to which the user may move as a base station requiring a hand-over request.

11. The hand-over solving method for a mobile terminal, as claimed in claim 10, wherein the history data includes hand-over information including a number of hand-over being performed and a latest update time for each base
5 station.

12. The hand-over solving method for a mobile terminal, as claimed in claim 11, further comprising a step of preferentially predicting a base station, in which the number of hand-over being performed is large, as a base
5 station for performing a hand-over.

13. The hand-over solving method for a mobile terminal, as claimed in claim 11, further comprising a step of preferentially predicting a base station, in which the number of hand-over being performed is larger than a
5 threshold, as a base station for performing a hand-over.

14. The hand-over solving method for a mobile terminal, as claimed in claim 10, further comprising a step of, by updating the history data of hand-over using an LRU algorithm, causing the history data to be stored.

15. The hand-over solving method for a mobile

terminal, as claimed in claim 10, further comprising a step of, when a communicating condition with a base station predicted as a target of a hand-over deteriorates,

- 5 monitoring communicating conditions with base stations adjacent to a source base station to thereby select a base station to which a hand-over is performed.

16. The hand-over solving method for a mobile terminal, as claimed in claim 15, wherein the deterioration in the communicating condition is determined based on a change in a strength of receiving electric power from the
5 base station.

17. The hand-over solving method for a mobile terminal, as claimed in claim 15, wherein the deterioration in the communicating condition is determined based on a change in a signal interference wave output ratio from the
5 base station.

18. The hand-over solving method for a mobile terminal, as claimed in claim 15, wherein the deterioration in the communicating condition is determined based on a change in a BER from the base station.